



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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HUNGARS AND MATTAWOMAN CREEKS Growing Area # 086 Northampton County Shoreline Sanitary Survey

Date: 4 January 2006

Survey Period: November 15, 2005 – December 20, 2005

Total Number of Properties Surveyed: 335

Surveyed By: S.E. Naylor

SECTION A: GENERAL

This survey area extends from Reference Point 86 at Great Neck Point to Reference Point 87 at Hungars Beach off Route 630, including the Chesapeake Bay shoreline between these two points, Hungars Creek (Paraplane Cove, Jacobus Creek, and Masden Gut), Mattawoman Creek, Barlow Creek and all their tributaries. See map for current survey boundary.

The topography varies in elevation from 5' around the shoreline to a maximum of 25' at the western edge of the survey boundary. The population is generally sparse, except in the neighborhoods of Vaucluse Shores and Hungars Beach. The economy of the area is primarily based on agriculture and the seafood industry.

Meteorological data indicated that 5.01" of rain fell during the survey period. A monthly breakdown follows:

November 15-30	1.87"
December 1-20	3.14"

The current restrictions on shellfish harvesting are Condemned Shellfish Area #136, Hungars and Mattawoman Creeks, revised 31 August 2005. Copies of the current condemnation notice and maps are available via the Internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

This report lists only those properties which have a sanitary deficiency or have other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

9. ***DIRECT*** – Occupant: Northampton Middle School, 7207 Young Street, Machipongo, 23405. Owner: Northampton County School Board, PO Box 37, Machipongo 23405. Public school and administration office. 600-650 students/employees. VPDES Permit # VA0023817. Design flow 0.028 MGD. Treatment plant consists of 2 bar screens, influent pump station, stabilization pond, and holding pond. Final effluent is designed to discharge into an unnamed tributary leading to Jacobus Creek. The facility has not discharged for several years. The most recent DEQ inspection report is attached. This facility is located outside of the revised survey boundary, but it may have a direct impact on the headwaters of Jacobus Creek.

ON-SITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION – 12117 Trout Lane, Eastville 23347. Dwelling- tan vinyl siding 1 story with white trim. No contact. Broken caps to septic tank cleanout pipes, contents exposed. Sanitary Notice issued 11-16-05 to field # 29.
6. CONTRIBUTES POLLUTION – 14187 Jarvis Lane, Eastville 23347. Dwelling- cream house trailer. 1 person. Effluent erupting from septic tank onto ground surface approximately 100' from Mattawoman Creek at 6' elevation. Sanitary Notice was issued 12-14-05 to field # 278.
8. CONTRIBUTES POLLUTION – 4019 Old Town Neck Drive, Eastville 23347. Dwelling- white wood siding 2 story with red barn. No contact. Unapproved, make-shift wooden lid covering septic tank. Sanitary Notice issued 12-19-05 to field # 297.

POTENTIAL POLLUTION

-None-

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

7. 14358 Yardley Road, Eastville 23347. Agriculture- tomato fields with adjacent portable toilets. No contact. Present at time of survey was one 1000 gallon diesel above ground fuel tank without a physical berm.

SOLID WASTE DUMPSITES

3. ***DIRECT*** – Northampton County, Eastville 23347. Public satellite dumpster location. No contact. Observed on-site were 4 trash dumpsters and 5 recycling bins located 50' from Hungars Creek.

SECTION D: BOATING ACTIVITY

MARINAS

-None-

OTHER PLACES WHERE BOATS ARE MOORED

-None-

UNDER SURVEILLANCE

2. Vaucluse Shore Association, End of Mallard Lane, Eastville 23347. Private boat ramp and pier. No contact. There were no boats present at time of survey. The only boating service provide was an in-out ramp. Sanitary facilities are provided in residents' private homes. There are no boat holding tank pump-out facilities or dump station facilities provided at this location.
4. Wilsonia Landing Association, 5301 Lucas Trail, Machipongo 23405. Private neighborhood boat ramp and pier. No contact. There were no boats present at time of survey. The only boating service provided was an in-out ramp. Sanitary facilities are provided in residents' private homes. There are no boat holding tank pump-out facilities or dump station facilities provided at this location.
5. Lloyd Outten, End of Wilsonia Harbor Way, Machipongo 23405. Private neighborhood boat ramp and pier. No contact. There were no boats present at time of survey. The only boating service provided was an in-out ramp. Solid waste containers are provided for garbage. Sanitary facilities are provided in residents' private homes. There are no boat holding tank pump-out facilities or dump station facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

-None-

SUMMARY

Area # 086
Hungars and Mattawoman Creeks
4 January 2006

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

1 – DIRECT - # 9

0 – INDIRECT – None

1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

0 – CONTRIBUTES POLLUTION, DIRECT – None

3 – CONTRIBUTES POLLUTION, INDIRECT - # 1, 6, 8

0 – CP (Kitchen or Laundry Wastes), DIRECT – None

0 – CP (Kitchen or Laundry Wastes), INDIRECT – None

0 – NO FACILITIES, DIRECT – None

0 – NO FACILITIES, INDIRECT – None

3 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

0 – POTENTIAL POLLUTION – None

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 – DIRECT – None

1 – INDIRECT - # 7

1 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

1 – DIRECT - # 3

0 – INDIRECT – None

1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

0 – MARINAS – None

0 – OTHER PLACES WHERE BOATS ARE MOORED – None

3 – UNDER SURVEILLANCE - # 2, 4, 5,

3 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None

0 – INDIRECT – None

0 – E. TOTAL

